

# Chemical Filters with Safety Isolation Valve

## CFS 16-25 and **CFS 40-65**



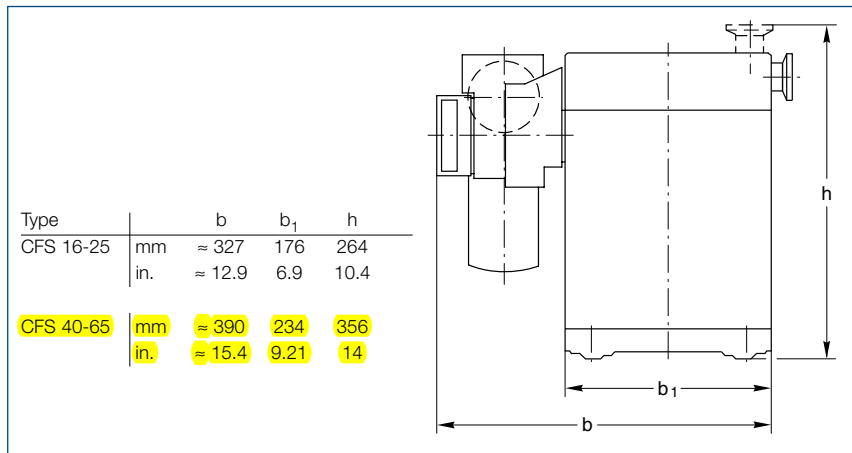
CFS 40-65

The CFS chemical filters with safety isolation valve are main flow oil filters for the TRIVAC B and BCS pumps.

The CFS is part of the TRIVAC SYSTEM.

### Advantages to the User

- The CFS is included in the main lubricant flow
- Rapid filter exchange – the pump may continue to operate while changing the filters
- Visual indication of the filter's condition through a maintenance indicator
- Aluminium component with isolation valve for one or two interchangeable filters
- All aluminium parts are surface protected
- May be operated with different interchangeable filters
- Over-pressure relief valve in the interchangeable filters
- Prepared for connection of a differential pressure switch and an oil pressure switch
- May also be used on the TRIVAC B pumps



Dimensional drawing for the CFS (mounted on a TRIVAC BCS)

### Technical Information

The CFS is cleaned in the factory to such an extent, that it may be operated either with mineral oil (e.g. N 62 or HE-200) or perfluoropolyther (PFPE e.g. NC 1/14 or HE-1600).

### Supplied Equipment

All gaskets and mounting parts required for installation.

Aluminium particle filters (WF Alu-Part) sealed for shipping are included separately.

Technical Data		CFS 16-25	<b>CFS 40-65</b>
Connection to pump	TRIVAC	D 16/25 B/BCS (-PFPE)	D 40/65 B/BCS (-PFPE)
Nominal throughput	$l \times h^{-1}$	900	2000
Permissible operating pressure	bar (psig)	2.5 (21.7)	2.5 (21.7)
Opening pressure	Non-return valve	bar (psid)	2.5 (21.7)
	Bypass valve	bar (psid)	2.5 ± 0.3 (21.7 ± 4.3)
Filter medium		Al <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub>
Lubricant filling when using WF Alu-Part	l (qt)	1.4 (1.5)	3.3 (3.5)
Weight, ready for operation, dry	kg (lbs)	7.0 (15.4)	15.5 (34.1)
Ordering Information		CFS 16-25	<b>CFS 40-65</b>
Chemical filter with safety isolation valve		Part No. 101 76	Part No. 101 77
WF Alu-Part combination filter, paper and Al <sub>2</sub> O <sub>3</sub> , 1.6 l (1.7 qt)		Part No. 189 99	Part No. 189 99 (2x)
WF particle filter, paper, 1.6 l (1.7 qt)		Part No. 200 09 804	Part No. 200 09 804 (2x)
WFG particle filter, paper with support mesh, 1 l (1 qt)		Part No. 189 90	Part No. 189 90 (2x)